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Bluff, he resigned and became Principal of Merrill School and served until the close of the school year, May, 1910. He was actively engaged in Masonic work and in conducting a private correspondence school at the time of his sudden death. He was the father of five children, two of whom, William H. and Louise M., survive him. In politics a Republican; in religion a Baptist; and a thirty-third degree Mason. He was a subscriber and contributor to the MONTHLY from its beginning.

BOOKS.

Diophantus of Alexandria. A Study in the History of Greek Algebra. By Sir Thomas L. Heath, K. C. B., Sc. D., sometime Fellow of Trinity College, Cambridge, England. Second edition, with a supplement containing an account of Fermat's Theorems and Problems connected with Diophantine Analysis and some Solutions of Diophantine Problems by Euler. Royal 8vo. Cloth, viii+388 pages. Price, 12s. 6d., net. London, England: The Cambridge University Press.

The first edition, the first English translation of Diophantus' *Arithmetica* which appeared in 1885, has long been out of print and thus that interesting and, to many, fascinating treatise had become practically inaccessible to English readers. Inquiries for it at different times suggested to the author the revision of his work done twenty-five years ago and the result is this second edition which conforms to recent discoveries in the history of mathematics. In this new edition, the author has rewritten the whole of the introduction, except the chapters on the editions of Diophantus, his methods of solutions, and the porisms, and other assumptions found in his work; while the chapters on the methods and on the porisms, etc., have been made fuller.

Much attention has been given to Fermat's notes on the various problems, and as much of this interesting material could not be incorporated as foot notes, the author added a supplement in which much attention is given to the theorems of Fermat and in which also is included a number of Euler's remarkable solutions of difficult Diophantine problems.

In its present form, the book will be in great demand by all mathematicians who are interested in this interesting phase of the theory of numbers. F.

College Mathematics Notebook. By Robert E. Moritz, Ph. D., Professor of Mathematics, University of Washington. Price, 80 cents. Ginn & Co.

This note book will be found very convenient and serviceable for the college teacher of mathematics. F.

ERRATA.

On page 241, No. 12, Vol. XVII, December 1910, problem 343 solution, make the following changes:

In line six of the solution for "A on the day x ," read "A on the day $x+1$," and in the next line for "B on the day x ," read "B on the day $x+1$." On page 243, in line three, for " $(1.05)^1$," read " $(1.05)^0$," and in the next line for "or," read "of," and in the same line for " 0.202 ," read " 0.002 ." In the fourth line from the end of solution for " (0.8583) ," read " (0.9583) ."